



# AMITY UNIVERSITY

—UTTAR PRADESH—

## Domain of Engineering & Technology

Amity School of Engineering and Technology

### Minor Project

### WEEKLY PROGRESS REPORT (WPR)

For the week commencing on: 19-09-2022 (8<sup>th</sup> week)

Program: B.Tech. (AI)  
WPR: 8

Student Name: Divvela Vishnu Sai Kumar  
Enrollment Number: A076119819005

Company Name (if any)	: ASET, LUCKNOW
Faculty Guide's Name	: DR. PUNEET SHARMA
Project / Seminar Title	: FACE RECOGNITION USING TENSORFLOW

#### TARGETS SET FOR THE WEEK:

- Study about what are different types of layers in Deep learning.
- To study more about neural networks
- Study about open cv package in python to read the image data and os package to save the files and directory because for this project we are going to make our own dataset.

#### ACHIEVEMENTS FOR THE WEEK:

- Started studying about Deep learning and its optimizers.
- Studied the various types of optimizers and learned about different types of layers in Deep learning.
- Studied about the opencv and os packages.

**FUTURE WORK PLANS:**

- Will try practical implement of various DL usecases under the guidance of faculty guide.
- By actually performing things I will have a better understanding of things and it will enhance my knowledge which is very essential before working on the actual project.